

Material Safety Data Sheet  
May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be consulted  
for specific requirements.

U.S. Department of Labor  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)  
**Bonide Shot-Gun Rabbit & Dog Repellent**

**ID No. 161284**  
Date: November 30, 1998

**Section I**

Bonide Products, Inc.	(800) 424-9300
2 Wurz Ave	(315) 736-8231
Yorkville, NY 13495	

**Section II - Hazardous Ingredients/Identity**

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Naphthalene CAS #91-20-3		40 mg/m3		
Dried Blood				
Tobacco Dust				

**Section III - Physical/Chemical Ingredients**

BOILING POINT: 424 F	APPEARANCE & ODOR: coal, tar or mothball odor.
SPECIFIC GRAVITY (H2O): 1.145	pH: NA
VAPOR PRESSURE (mm Hg) @ 77 F: 0.082	PERCENT VOLATILE BY VOLUME (%): 100
VAPOR DENSITY: 4.42	EVAPORATION RATE: NA
SOLUBILITY IN WATER: Very slight	

**Section IV - Fire and Explosion Data**

FLASHPOINT: 174 F, closed cup AUTO IGNITION TEMPERATURE: 979 F  
FLAMMABLE LIMITS: 0.9% & 5.9% LEL: NA UEL: NA  
EXTINGUISHING MEDIA: Water, dry chemical, foam, CO2  
SPECIAL FIRE FIGHTING PROCEDURES: Avoid breathing smoke of fumes, use S.C.B.A. Avoid heavy streams of water. Dike to prevent run-off.  
UNUSUAL FIRE & EXPLOSION HAZARDS: Contact between water and molten naphthalene above 110°C must be avoided as the addition of even a small amount of water will cause violent foaming or even explosion.

**Section V - Reactivity Data**

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur.  
CONDITIONS TO AVOID: Closed rooms. Provide plenty of ventilation.  
MATERIALS TO AVOID: Molten naphthalene is not compatible with water.  
HAZARDOUS DECOMPOSITION PRODUCTS: Smoke from burning naphthalene.

**Section VI - Health Hazard Information**

OSHA Permissible Exposure Limit: NA ACGIH Threshold Limit Value: 10ppm, 50 mg/m3  
Carcinogen - NTP Program: NA Carcinogen - IARC Program: NA  
SYMPTOMS OF EXPOSURE: Eye irritation, headache, nausea, burns from skin contact with molten naphthalene.  
EMERGENCY AND FIRST AID: Harmful if swallowed. Avoid contact with eyes, skin and clothing. Do not inhale dust.  
INGESTION: Drink a glass of water and get medical attention.  
SKIN: Flush skin with plenty of water. Get medical attention if irritation develops.  
EYES: Flush eyes with plenty of water. Get medical attention if irritation develops.  
INHALATION: Remove victim to fresh air. Get medical attention if irritation develops.  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NA

**Section VII - Precautions for Safe Handling/Use**

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STORAGE: Store in a cool, dry well-ventilated area out the reach of children and animals.

PERSONAL PRECAUTIONS AND CONTROL MEASURES:

EYE PROTECTION: Eye goggles.

VENTILATION RECOMMENDED: Use only outdoors.

RESPIRATORY PROTECTION: Use only outdoors.

SKIN PROTECTION: NA

OTHER PROTECTION: None in household use quantities.

**Section VIII - Environmental and Disposal Information**

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SPILL OR LEAK PROCEDURES: Sweep up product with broom. Put in original container.

WASTE DISPOSAL MEHTOD: For excess product, place in original container, wrap in several layers of newspaper and discard in trash.

**KEEP OUT OF REACH OF CHILDREN****ABBREVIATION KEY**

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N/A: NOT AVAILABLE OR APPLICABLE

N/E: NOT ESTABLISHED

ND: Not Determined

TLV: THRESHOLD LIMIT VALUE

TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

STEL: SHORT TERM EXPOSURE LIMIT

D.O.T.: DEPARTMENT OF TRANSPORTATION

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